

The Valspar Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: 027.0003120.007
Product Name: MARINE STRIPPER
Product Use: Paint product.
Date Published: 2003/10/18
Revision Date: 2000/11/01

Company Identification

The Valspar Corporation
1101 Third Street South
Minneapolis, MN 55415
Manufacturer's Phone: 1-612-332-7371

24-Hour Medical Emergency Phone: 1-888-345-5732

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS #	Approx Wt%	Chemical name
METHYL ALCOHOL 67-56-1	20 - 25	Methyl alcohol
ISOPROPYL ALCOHOL 67-63-0	15 - 20	Isopropyl alcohol
METHYLENE CHLORIDE 75-09-2	15 - 20	Methylene chloride
ETHYL ALCOHOL 64-17-5	15 - 20	Ethyl alcohol
AROMATIC NAPHTHA, HEAVY 64742-94-5	15 - 20	Naphtha (petroleum), heavy aromatic
NAPHTHALENE 91-20-3	1 - 5	Naphthalene

If this section is blank there are no hazardous components per OSHA guidelines.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Emergency Overview:

This section not in use.

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This product contains ingredients that may contribute to the following potential acute health effects:

Inhalation Effects:

May be fatal if inhaled.

Eye Contact:

May cause moderate eye irritation.

Skin Contact:

Contains a component which is a known or suspected skin sensitizer.

Acute Ingestion:

May be fatal or cause blindness if swallowed.

Other Effects:

May cause liver damage. Contains ingredient which is considered toxic. Lachrimation. Drowsiness and unconsciousness. May cause central nervous system depression.

This product contains ingredients that may contribute to the following potential chronic health effects:

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains a component which is a known or suspected skin sensitizer. Possible birth defects hazard. Contains ingredients which may cause birth defects based on animal data. May cause kidney damage. May cause liver damage. Possible sensitization.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

4. FIRST AID MEASURES

Inhalation:

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

Eye Contact:

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact:

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention.

Ingestion:

Poison! Get medical attention immediately. If swallowed, contact medical personnel immediately to determine best course of action.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit): 201° F (94° C) TCC/PM

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Lower explosive limit: 1 %
Upper explosive limit: 36 %
Autoignition temperature: Not available.° F (° C)
Sensitivity to impact: No.
Sensitivity to static discharge: Sensitivity to static discharge is not expected.
Hazardous combustion products: See Section 10.

Unusual fire and explosion hazards:

None known.

Extinguishing media:

Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:

Use water spray to cool nearby containers and structures exposed to fire. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

Ventilate area. Avoid breathing of vapors. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 5, "Unusual Fire and Explosion Hazards", for proper container and storage procedures. Avoid all personal contact.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep away from heat, sparks, and flames. Keep away from heat and flame.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

Skin protection:

Gloves: Neoprene or other nonporous. Neoprene or plastic apron and protective clothing covering exposed skin areas.

Respiratory protection:

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation

Required when spraying or applying in confined area.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
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METHYL ALCOHOL 67-56-1	20 - 25	200 ppm TWA; 260 mg/m3 TWA		SKIN, OSHA
ISOPROPYL ALCOHOL 67-63-0	15 - 20	400 ppm TWA; 980 mg/m3 TWA		
METHYLENE CHLORIDE 75-09-2	15 - 20	500 PPM		
ETHYL ALCOHOL 64-17-5	15 - 20	1000 ppm TWA; 1900 mg/m3 TWA		
AROMATIC NAPHTHA, HEAVY 64742-94-5	15 - 20	100 PPM		
NAPHTHALENE 91-20-3	1 - 5	10 ppm TWA; 50 mg/m3 TWA		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
METHYL ALCOHOL 67-56-1	20 - 25	200 ppm TWA	250 ppm STEL		skin - potential for cutaneous absorption
ISOPROPYL ALCOHOL 67-63-0	15 - 20	(400 ppm) TWA	(500ppm) STEL		
METHYLENE CHLORIDE 75-09-2	15 - 20	50 ppm TWA			
ETHYL ALCOHOL 64-17-5	15 - 20	1000 ppm TWA			
NAPHTHALENE 91-20-3	1 - 5	10 ppm TWA	15 ppm STEL		skin - potential for cutaneous absorption

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	440 mmHG @ 77° F (25° C)
Vapor density (air = 1.0):	4.7
Boiling point:	105° F (41° C)
Solubility in water:	Soluble
Coefficient of water/oil distribution:	Not determined.
Density (weight per gallon):	10.10
Specific gravity (water = 1):	1.21
Evaporation rate (butyl acetate = 1.0):	5.9

10. STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizers.
Hazardous Polymerization:	None anticipated.

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Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Halogenated compounds.

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

Common Name CAS #	Approx Wt%	Calif- Prop. 65. Developmental Toxicity	California Prop 65 - reproductive male
ETHYL ALCOHOL 64-17-5	15 - 20	developmental toxicity (when in alcoholic beverages); initial date 10/1/87	

Contains methylene chloride which has been shown to cause cancer in certain laboratory animal tests of questionable relevance to humans, and has been shown to cause liver damage in laboratory animals. Possible cancer hazard.

Contains ingredients which may cause cancer based on animal data. Risk to your health depends upon the level and duration of exposure.

Common Name CAS #	Approx Wt%	IARC Group 1 - Human Evidence	IARC Group 2A - limited human data	IARC Group 2b - sufficient animal data
METHYLENE CHLORIDE 75-09-2	15 - 20			Monograph 71, 1999; Supplement 7, 1987; Monograph 41, 1986
NAPHTHALENE 91-20-3	1 - 5			POSSIBLY CARCINOGENIC IN HUMANS BASED ON ANIMAL STUDIES

Common Name CAS #	Approx Wt%	NTP Known carcinogens	NTP Suspect carcinogens	NTP Evidence of carcinogenicity
METHYLENE CHLORIDE 75-09-2	15 - 20		Suspect Carcinogen	male rat-some evidence; female rat-clear evidence; male mice- clear evidence; female mice-clear evidence

Common Name CAS #	Approx Wt%	OSHA Select carcinogens	OSHA Possible select carcinogens	ACGIH Carcinogens
METHYLENE CHLORIDE 75-09-2	15 - 20		Suspect Carcinogen NTP Ninth Report - Suspect Carcinogens Supplement 7, 1987; Monograph 39, 1986 IARC - Group 2B (Possibly carcinogenic to humans)	A3 - Animal Carcinogen

If this section is blank, no information is available.

12. ECOLOGICAL DATA

Not available at this time.

13. DISPOSAL CONSIDERATIONS

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Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

DOT Information

CONTACT SUPPLIER FOR FURTHER INFORMATION.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Common Name CAS #	Approx Wt%	SARA 302	SARA 313	CERCLA RQ IN LBS.
METHYL ALCOHOL 67-56-1	20 - 25		form R reporting required for 1.0% de minimis concentration	5000
ISOPROPYL ALCOHOL 67-63-0	15 - 20			
METHYLENE CHLORIDE 75-09-2	15 - 20		form R reporting required for 0.1% de minimis concentration	1000
ETHYL ALCOHOL 64-17-5	15 - 20			
AROMATIC NAPHTHA, HEAVY 64742-94-5	15 - 20			
NAPHTHALENE 91-20-3	1 - 5		form R reporting required for 1.0% de minimis concentration	100

SARA 311/312 Hazard Class:

Acute: Yes
Chronic: Yes
Flammability: No
Reactivity: No
Sudden Pressure: No

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

METHYLENE CHLORIDE	75-09-2
METHYLENE CHLORIDE	75-09-2
AROMATIC NAPHTHA, HEAVY	64742-94-5
NAPHTHALENE	91-20-3
METHYL ALCOHOL	67-56-1
ISOPROPYL ALCOHOL	67-63-0
ETHYL ALCOHOL	64-17-5

California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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Rule 66 status of product Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

TSCA Inventory: All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List: All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

Abbreviations: OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

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